

UTILITY
PATENT APPLICATION
TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. 1.53(b)

Attorney Docket No.	NTL-3.2.10/3519 (12818ROUS02U)
First Inventor:	Jianglei Ma
Title	PREAMBLE DESIGN FOR MULTIPLE INPUT- MULTIPLE OUTPUT (MIMO), ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM
Express Mail Label No.	EL070146458US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. [X] Fee Transmittal Form (e.g., PTO/SB/17)
(submit an original, and a duplicate for fee processing)
2. [] Applicant claims small entity status.
See 37 CFR 1.27
3. [X] Specification Total Pages [23]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a computer program
listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. [1-7] Drawing(s) (35 U.S.C. 113) Total Pages [7]
5. Oath or Declaration Total Pages [1]
a. [X] executed (original or copy)
b. [] Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 18 completed)
i. [] **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. [] Application Data Sheet. See 37 CFR 1.76

7. [] CD-ROM or CD-R in duplicate, large table or computer Program
-
- (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
-
- (if applicable, all necessary)
-
- a. [] Computer Readable Form (CRF)
-
- b. [] Specification Sequence Listing on:
-
- i. [] CD-ROM or CD-R (2 copies); or
-
- ii. [] paper
-
- c. [] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [X] Assignment Papers (cover sheet & document(s))
10. [] 37 C.F.R. §3.73(b) Statement [] Power of Attorney
(when there is an assignee)
11. [] English Translation Document (if applicable)
12. [] Information Disclosure [] Copies of IDS Citations
Statement (IDS)PTO-1449
13. [] Preliminary Amendment
14. [X] Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
15. [] Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. [] Request and Certification under 35 USC 122(b)(2)(B)(i). Applicant
must attach form PTO/SB/35 or its equivalent.
17. [] Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment or in an
Application Data Sheet under 37 CFR 1.76:[] Continuation [] Divisional [X] Continuation-in-part (CIP) of prior application No.: 09/751,879
Prior application information: Examiner _____ Group/Art Unit: 2661**For CONTINUATION or DIVISIONAL APPS. Only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered to be part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

[] Customer Number or Bar Code Label : or [X] Correspondence address below
(Insert Customer No. Or Attach bar code label here) :

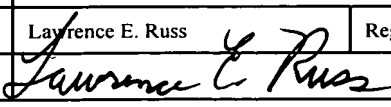
Name	COBRIN & GITES				
Address	750 Lexington Avenue, 21 floor				
City	New York	State	New York	Zip Code	10022
Country	U.S.A.	Telephone	(212) 486-4000	Fax	(212) 486-4007

Name (Print/Type)	Lawrence E. Russ	Registration No. (Attorney/Agent)	35,342
Signature	<i>Lawrence E. Russ</i>	Date	March 28, 2001

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: [03-2317] Deposit Account Name: [COBRIN & GITTES] <input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27						3. ADDITIONAL FEES																																																																																																																																																																																							
2 <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other						<table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Code</th> <th>(\$)</th> <th>Code</th> <th>(\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>Request for Reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Req. publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840</td> <td>113</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>130</td> <td>123</td> <td>130</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submit Info. 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Name (Print Type)		Lawrence E. Russ				Registration Number		35,342		Telephone																																																																																																																																																																																			
Signature								Date		March 28, 2001																																																																																																																																																																																			
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																																																																																																																																																													